

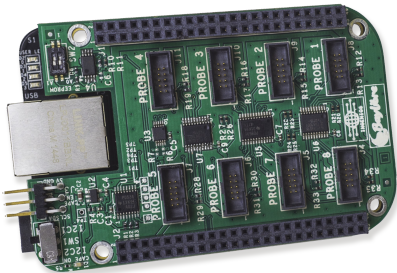


Another Cute Measurement Equipment (BAYLIBRE)

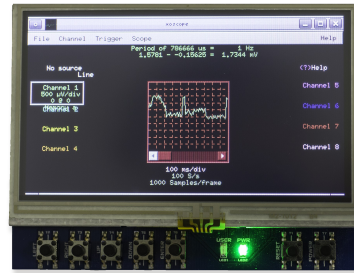
Integrated with Sigrok and Xoscope (P. Titiano / B. Golaszewski / H. Chaumette)

What is demonstrated

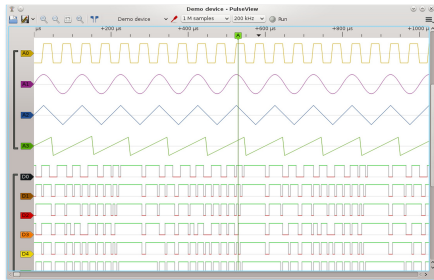
New ACME rev. B power measurement cape and probes for the BeagleBone Black, integrated with Xoscope on top of Sigrok library.



ACME Cape



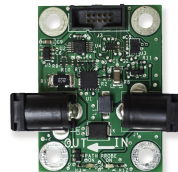
Xoscope



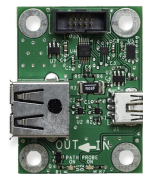
Sigrok Pulseview



ACME Power Probe



Jack Power Probe



USB Power Probe



What was improved

- **All-in-one Solution for power measurement**
 - High-precision, multi-channel, low-cost
 - Integrated power-switching control
 - Standard Connector (free, low-cost)
 - Open Source Hardware
 - New **rev. B** HW announced at ELC-E 2015
- **Complete Open-Source Software Suite**
 - Custom **Buildroot** BBB Linux distribution
 - Upstream ACME HW drivers
 - Integrated with **Sigrok** SW Suite
 - Low-level HW interface
 - Command-line Interface, GUI front-ends
 - Upstream driver, Buildroot package avail.
 - Local (HDMI) & remote (vncviewer) use
 - Integrated with **Xoscope**
 - Digital oscilloscope Application
 - Added Sigrok support for data sampling
 - LCD Cape & HDMI output supported



Hardware Information

BeagleBone Black, TI INA226, 4D 4.3" BBB LCD Cape,
Atmel SAMA5D3-Xplained,



Mangoh board, Legato SW

Source code or detail technical information availability

<http://www.baylibre.com/acme>
http://sigrok.org/wiki/BayLibre_ACME
<http://sigrok.org/>
<http://xoscope.sourceforge.net/>

